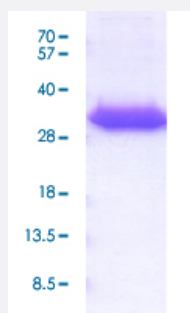


Bioactive

S (SARS-CoV) RBD Recombinant Protein

Catalog # P6672 Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

S (SARS-CoV) RBD Recombinant Protein (Cat # P6672) is coated at 5 ug/mL (100 uL/well) can bind ACE-2 in a functional ELISA assay.

Specification

Product Description	SARS-CoV S RBD (NP_828851.1, 306 a.a. - 515 a.a.) recombinant protein with His tag at C-terminal expressed in Baculovirus insect cells.
Sequence	ADPRVVPSPGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLNSTFFSTFKCY GVSATKLNLCFSNVYADSFVVKGDDVRQIAPGQTGVIADYNYKLPDDFMGCVLAWNTRNIDATS TGNYNKYRYLRHGKLRPFERDISNVPFSPDGKPCTPPALNCYWPLNDYGFYTTTGIGYQPYRVVV LSFELLNAPATVCGPKLHHHHHH
Host	insect
Theoretical MW (kDa)	24.7
Form	Liquid

Preparation Method	Baculovirus Insect cell expression system
Purification	Conventional chromatography
Purity	> 95% by SDS-PAGE.
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method).
Activity	Measured by the binding ability in a functional ELISA with human ACE-2.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	Bioactivity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis S (SARS-CoV) RBD Recombinant Protein (Cat # P6672) is coated at 5 ug/mL (100 uL/well) can bind ACE-2 in a functional ELISA assay.

Applications

- SDS-PAGE